

2_46 SUPERELEVATION TRANSITIONING ACROSS MULTIPLE TEMPLATES

Question:

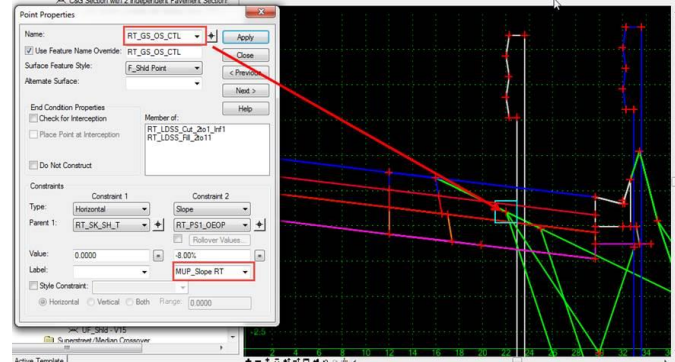
I have an MUP that needs to transition from -02 (where there is no c&g) to an 02 (where there is c&g). I have this transition occurring over two different templates (one has a wall and one does not). I tried to import the supers through an input file, but the point I need to rotate is not the same for both templates and one of the points is not even in the list. Do you know of a way that I can get the MUP to rotate?

Also, is there a way to import undercut into the model or is that something that we should just copy into the generated XSC from a dgn file provided by geotech?

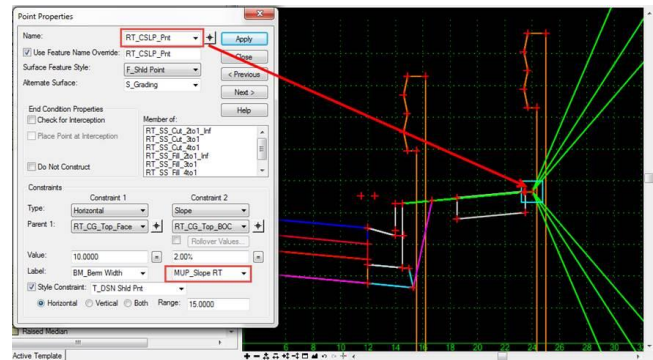
Answer:

The recommended practice to transition the slopes for Multi-Use Path (MUP) is adding your own parametric constraint label. Use the same label for the shoulder/berm slope constraint.

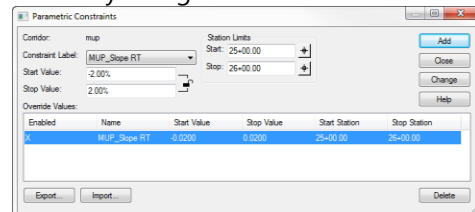
SHLD Section (Rollover Values Unlocked)

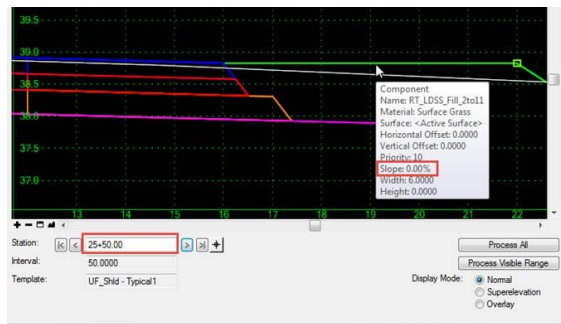


C&G Section



Roadway Designer Parametric Constraint (MUP Slope Transition 100')





If the undercuts are already drawn in by Geotech, then simply copy them into our XSC and run the usual earthwork. If not, place the undercut components (shallow and regular undercuts) in the template you are using. Use template UF_Shld –Typical w/Undercut as an example.

